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ABSTRACT

This report is compiled from information provided by National Association of Independent Schools (NAIS) member schools in a 1986 survey of student and staff counts and financial operations. The first section summarizes survey results from 1982-83 to 1986-87 on enrollment and number of member schools, financial aid, and financial operations data in average dollars per student. Of the country's approximately 110,000 elementary and secondary schools, it is estimated that about 1,700 are independent schools; half are NAIS members surveyed in this report. Detailed data on member schools' enrollments are presented in section 2, including day and boarding enrollments by region, 1985-86 and 1986-87, grade enrollments, 1985-86 and 1986-87, number of schools by school type, grade level category, and student type, 1982-83 to 1986-87, and enrollment by school type, grade level, student type and day/boarding category, 1982-83 to 1986-87. The personnel count and median student-teacher ratios for 1986-87 are reported in section 3. Section 4 details enrollments and percentages of minority students and staff, including percentages of minority student enrollment by racial/ethnic group, minority students in Hawaiian and territorial schools in 1986-87, and minority teachers by racial/ethnic group and by school type. Financial aid data for 1985-86 are presented in section 5 in terms of school type, income sources, and aid to faculty, staff children, and minority children. The final section provides information on financial operations in 1985-86 for girls' schools, boys' schools, and coeducational schools. The report offers 25 tables of data, a glossary, and technical notes on survey sources and methods. (CJH)

NATIONAL ASSOCIATION OF INDEPENDENT SCHOOLS • 18 Tremont Street • Boston • Massachusetts 02108

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NAIS Member School Operations, 1985-86
NAIS Membership, 1986-87

- Day student enrollment up slightly; boarding students down by 1.1 per cent in 1986-87
- 1986-87 minority student enrollment up to 11.2 per cent of total enrollment
- Asian Americans comprise largest group of minority students
- $164 million in aid to more than 50,000 students in 1985-86
- Average expenditure per student $7,276 in 1985-86

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GLOSSARY OF TERMS

School types

Boarding schools	Schools enrolling 95 per cent or more boarding students
Boarding-day schools	Schools enrolling between 50 and 94 per cent boarding students, with the balance day
Day schools	Schools enrolling 95 per cent or more day students
Day-boarding schools	Schools enrolling between 51 and 94 per cent day students, with the balance boarding
Elementary schools	Schools with students in any grades PS-9, but none in grades 10-PG (PS-6, K-9, 6-9)
Secondary schools	Schools with students in any grades 10-PG, but none in grades PS-6 (7-12, 9-12, 7-PG)
Elementary-secondary schools	Schools with students in any grades PS-6 and any grades 10-PG (K-12, 5-12, 1-10)

Geographic areas

New England	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
East	New Jersey, New York
Middle Atlantic	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia
Southeast	Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee
Midwest	Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, West Virginia, Wisconsin
Southwest	Arizona, Arkansas, Colorado, Kansas, Louisiana, New Mexico, Oklahoma, Texas
West	Alaska, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming
U.S. Territories	Guam, Puerto Rico, U.S. Virgin Islands

Introduction

This report is compiled from information provided by NAIS member schools in the annual survey of student and staff counts and financial operations conducted in the fall of 1986. As of September 30, 1986, 957 schools were members of NAIS, including 87 affiliate member schools in foreign countries or U.S. territories. All members were surveyed for 1986-87 enrollment and staff counts; U.S. schools were also asked to report on financial operations for 1985-86.

The first section of the report, which presents a summary of the most important data collected from the schools, is followed by sections that present more detailed data on number of schools and enrollments, school personnel, minority students and staff, financial aid, and financial operations. The technical notes section at the end of the report provides information on statistical procedures and techniques.

The report was prepared by Eugene Krause, statistician, and Matthew Chiccuarelli, associate statistician, under the direction of Wanda Speede-Franklin, NAIS director of information services.

In addition to this report, NAIS also surveys member schools each spring to obtain data on tuitions and salaries. These data are reported each fall in a separate publication.

Additional copies of this report are available from the Order Department, NAIS, 18 Tremont Street, Boston, Mass. 02108, as follows: NAIS member, $7.50 per copy (20 per cent discount on five or more copies); NAIS nonmember, $50.00 per copy.

1. Summary of Survey Results

Independent schools comprise a small but important and influential segment of the elementary and secondary educational system in the United States. The most recent data available from the U.S. Department of Education show that in 1983-84 there were approximately 110,000 elementary and secondary schools in the U.S., with just over 45 million students. Private schools, most of which are church supported and some of which are proprietary, accounted for 27,700 of these schools and enrolled 5.7 million students. NAIS estimates that there are currently about 1,700 independent schools in the country, with some 600,000 students, based on membership lists from local, state, and regional school associations. Independent schools thus make up about 1.5 per cent of all elementary and secondary schools and enroll 1.3 per cent of total students at the elementary and secondary grade levels.

Member schools and enrollments

Half of the independent schools in the U.S. and nearly 90 foreign schools are members of NAIS. As of September 30, 1986, 851 U.S. schools retained active member status, and 19 U.S. schools were subscribers to NAIS new school services for schools established within the past five years. Total enrollment in these 870 schools was 347,987.

Table 1. Summary of Enrollment and Number of Member Schools, 1982-83 - 1986-87
(Active members and new school services)

	1982-83	1983-84	1984-85	1985-86	1986-87
Enrollment					
Day students	293,069	297,517	296,328	298,353	304,764
Boarding students	43,278	44,458	44,782	44,050	43,223
Total enrollment	336,347	341,975	341,110	342,403	347,987
Number of schools					
Day and day-boarding	672	678	672	684	699
Boarding and boarding-day	170	174	173	175	171
Total number of schools	842	852	845	859	870
Average enrollment per school	400	401	404	399	400
Minority students as per cent of total enrollment:					
African Americans	4.2%	4.2%	4.4%	4.5%	4.7%
Hispanic Americans	1.6	1.6	1.7	1.7	1.8
Asian Americans	3.2	3.6	3.9	4.4	4.7
Native Americans	0.1	0.1	0.1	0.1	0.1
Total minority enrollment	9.1%	9.6%	10.1%	10.7%	11.2%

Table 1 summarizes NAIS school enrollments and presents the number of U.S. member schools by school type for the years 1982-83 through 1986-87. Since the number of schools in NAIS changes from year to year, total enrollment figures cannot be used to analyze enrollment trends in independent schools. Average enrollment per school offers some indication of general enrollment trends, but these figures may be distorted by a single large school entering or withdrawing from membership. In section 2 of this report, however, Table 5 presents data from a core sample of 865 schools that reported for both 1985-86 and 1986-87. The table shows that while day student enrollment in the core sample is up slightly (0.1 per cent) over last year, the number of boarding students has declined by 1.1 per cent.

Also in section 2, Table 6 presents total enrollment by grade in NAIS schools for 1985-86 and 1986-87. Enrollments in grades PS through 6 continue to increase, while enrollments in most upper level grades have declined (with the exception of grades 11 and 12). This trend generally may reflect the larger demographic trends within the United States as a whole. U.S. Department of Education figures show that the total number of elementary and secondary school-age children has declined since 1978, although the number of elementary school-age children bottomed out in 1985 and is now rising.

Member school personnel

This year, for the first time, NAIS obtained data on the number of personnel other than teachers and administrators in member schools. The results of the survey are presented in section 3. In 839 schools responding to this section of the survey, a total of 66,385 staff personnel were reported. Of these, 38.6 per cent were male and 61.4 per cent female.

The majority of NAIS school teachers are women, at 62.2 per cent, and women also comprise the majority in every category of personnel except for school administrators, as can be seen in Table 10.

Median student-teacher ratios are also presented in section 3 by grade level type, school type, and student type. In terms of grade level category, the lowest median ratio, 8.7 students per teacher, was reported by secondary schools, while elementary-secondary schools reported 9.8 and elementary schools 9.5 students per teacher. Across all schools the median student-teacher ratio is 9.4 students per teacher.

Minority students and staff

Table 1 also presents data on minority students by racial/ethnic group as a per cent of total enrollment in NAIS active member schools. (Hawaiian and U.S. territorial schools are excluded since minorities comprise a much larger proportion of enrollments in these schools.) Total minority enrollment in mainland schools has continued to increase. In 1986-87, 11.2 per cent of all students are minorities, compared to 10.7 per cent last year. The most dramatic change in minority enrollment, however, has been the increase in the number of Asian American students in NAIS schools. This year, for the first time, the number of Asian Americans has surpassed the number of African American students, as can be seen in Table 14, in

section 4. The proportion of Hispanic Americans and Native Americans has remained essentially unchanged in the five-year period for which data are presented in Table 1.

Tables 16 and 17, in section 4, present data on minority teachers, who now make up 3.5 per cent of the teachers in NAIS schools, up from 3.0 per cent in 1982-83. Also in section 4, data are presented for the first time on the number of minority persons in other types of positions. A total of 3,805 minority staff, including teachers, were reported in 619 schools on the U.S. mainland, as shown in Table 18. Minority administrators make up 1.9 per cent of all administrators in reporting mainland schools, compared to 5.5 per cent for teacher aides, interns, and dormitory supervisors, 2.5 per cent among instructional personnel, and 13.3 per cent of other employees. Overall, minorities account for 6.0 per cent of reported staff personnel in mainland schools.

Financial aid

Total financial aid reported for 1985-86, excluding loans, rose to over $164 million from $133 million in 1984-85. The large increase is partly attributable to an increase in the number of schools reporting, and to a smaller extent by a change in the way in which financial aid data have been processed in the course of preparing this report, as explained in section 5. Despite these factors, however, the data show that schools continue to provide increased financial aid to a larger proportion of students.

Table 2 shows some key financial aid figures, excluding loans, for the period 1981-82 through 1985-86. The average number of students receiving aid as a percentage of total enrollment has grown from 16.4 per cent in 1981-82 to 17.8 per cent in 1985-86, while financial aid expense as a percentage of total operating expenditures has increased from 7.1 per cent to 7.5 per cent in the same period. Table 19 in section 5 provides more detailed data by type of school.

Table 2. Summary of Financial Aid, 1981-82 - 1985-86
(Active member schools)

	1981-82	1982-83	1983-84	1984-85	1985-86
Number of schools reporting	611	644	562	694	764
Total number of students aided	38,635	41,993	35,823	44,658	50,166
Total amount granted (in thousands)	$88,937	$106,301	$96,331	$133,804	$164,001
Average grant per student aided	$2,302	$2,531	$2,689	$2,996	$3,269
Average per cent of enrollment	16.4%	16.6%	16.6%	17.3%	17.8%
Average per cent of total operating expenses	7.1%	7.4%	7.3%	7.4%	7.5%

Tables in section 5 also present data on sources of financial aid funding, aid to faculty and staff children, and aid to minority children. The children of faculty and staff personnel received 23.5 per cent of all aid granted and made up 20.7 per cent of the total number of children aided. Minority children received 27.0 per cent of total aid granted and accounted for 21.4 per cent of the children aided.

Financial operations

In 800 U.S. schools that reported financial operations data, total operations revenues for 1985-86 were $2.32 billion and total operating expenditures were $2.29 billion. Average operating expenditures were $7,276 per student across all schools.

Table 3 presents data on key line items in terms of average dollars per student for the period 1981-82 through 1985-86. The table indicates that teacher salary expense between 1981-82 and 1985-86 has risen from about $1,500 to $2,100 per student across all schools, but as a percentage of total operating expenses has remained fairly constant at around 28 per cent. Tuition and fee revenues over the same period represent from 74 to 78 per cent of total operating expenditures. The data presented in Table 3 were computed from data previously published by NAIS, as explained in the technical notes section. Tables in section 6 give additional information on operations revenues and expenses by type of school.

Table 3. Key Financial Operations Data, in Average Dollars per Student, 1981-82 - 1985-86
(Active member schools)

	1981-82	1982-83	1983-84	1984-85	1985-86
Tuition and fee revenue					
Day schools	$3,103	$3,369	$3,768	$4,100	$4,361
Day-boarding schools	4,331	4,802	5,472	5,793	6,131
Boarding-day schools	6,637	7,474	8,451	8,920	9,660
Boarding schools	6,671	7,418	9,356	9,141	9,084
All schools	$3,921	$4,303	$4,802	$5,219	$5,521
Total operating revenues					
Day schools	$3,972	$4,322	$4,801	$5,264	$5,575
Day-boarding schools	6,365	6,765	7,366	7,814	8,307
Boarding-day schools	9,742	10,522	11,803	12,416	13,563
Boarding schools	10,437	11,480	13,354	13,648	14,404
All schools	$5,366	$5,793	$6,355	$6,973	$7,402
Teacher salary expense					
Day schools	$1,442	$1,571	$1,728	$1,906	$2,027
Day-boarding schools	1,422	1,585	1,634	1,836	1,963
Boarding-day schools	1,574	1,725	1,840	2,135	2,307
Boarding schools	1,518	1,679	1,912	2,174	2,229
All schools	$1,464	$1,601	$1,742	$1,947	$2,072
Total operating expenses					
Day schools	$3,878	$4,217	$4,687	$5,153	$5,468
Day-boarding schools	6,093	6,666	7,212	7,712	8,285
Boarding-day schools	9,621	10,309	11,472	12,088	13,379
Boarding schools	10,341	11,131	12,418	12,992	13,940
All schools	$5,251	$5,663	$6,178	$6,803	$7,276

2. Member Schools and Enrollments

Schools were asked to report enrollment for the opening of the 1986-87 school year. Table 4 summarizes number of schools and total enrollment by membership status and by school type as of September 30, 1986. Although rigorous attempts were made to collect enrollment data from all member schools, five U.S. schools and two affiliate member schools failed to report. An additional three schools withdrew from membership before responding to the survey. For these 10 schools, 1985-86 enrollment data were used in preparing the tables in this section.

Member schools are classified into three categories of membership status:

- Active members are schools in existence over five years and located in the United States or U.S. territories
- Subscribers to new school services are schools less than five years of age and are usually located in the United States
- Affiliate members are schools in existence over five years and located outside of the United States

Table 4. Schools by Membership Status, 1986-87
(As of September 30, 1986)

Status/school type	Number of schools	Enrollment
Active members		
Day	605	266,032
Day-boarding	76	35,344
Boarding-day	126	33,638
Boarding	44	9,244
Totals	851	344,258
New school services		
Day	18	3,705
Boarding	1	24
Totals	19	3,729
Affiliate members		
Day	58	46,692
Day-boarding	16	11,215
Boarding-day	12	3,153
Boarding	1	235
Totals	87	61,295
Total member schools	957	409,282

One Canadian school was a new school services subscriber in 1986-87 but for statistical purposes has been included with affiliate members in the tables in this section. Four U.S. territorial schools have chosen to join NAIS as active members, while seven are in the affiliate member category.

As noted in the summary, total enrollment data in member schools cannot with accuracy be used to track enrollment trends in independent schools as a whole, since the number of member schools varies from year to year. Table 5, however, presents enrollment data from a core sample of schools who reported enrollments for both 1985-86 and 1986-87. Similar but unpublished data produced in 1986 showed

Table 5. Day and Boarding Enrollment by Region, 1985-86 and 1986-87
(Core sample of 865 schools)

Region	Number of schools	Day students			Boarding students		
		1985-86	1986-87	% change	1985-86	1986-87	% change
New England	182	35,928	36,116	0.5%	19,605	19,570	-0.2%
East	140	49,027	49,085	0.1	4,203	4,291	2.1
Mid-Atlantic	161	55,159	55,233	0.1	7,190	7,140	-0.7
Southeast	114	56,425	55,968	-0.8	2,929	2,818	-3.8
Midwest	100	38,195	38,324	0.3	4,522	4,313	-4.6
Southwest	63	26,843	26,761	-0.3	2,388	2,259	-5.4
West	101	39,523	40,005	1.2	2,859	2,832	-0.9
Territories	4	1,781	1,836	3.1	0	0	--
Total	865	302,881	303,328	0.1%	43,696	43,223	-1.1%

Table 6. Enrollment by Grade, 1985-86 and 1986-87
(Active members and new school services)

Grade	1985-86		1986-87		Per cent change	
	Number of schools	Enrollment	Number of schools	Enrollment	Number of schools	Enrollment
PS	278	10,400	302	11,473	8.6%	10.3%
K	486	16,351	495	17,178	1.9	5.1
1	507	17,208	517	17,881	2.0	3.9
2	508	16,422	519	17,376	2.2	5.8
3	514	16,345	524	17,132	1.9	4.8
4	524	16,613	531	17,155	1.3	3.3
5	546	17,194	555	17,860	1.6	3.9
6	568	19,231	577	19,618	1.6	2.0
7	638	24,741	651	25,108	2.0	1.5
8	653	26,749	670	26,654	2.6	-0.4
9	702	38,171	714	35,543	1.7	-6.9
10	645	41,825	652	40,100	1.1	-4.1
11	646	41,526	649	43,060	0.5	3.7
12	642	38,711	651	40,655	1.4	5.0
PG	79	1,340	82	1,194	3.8	-10.9

that day student enrollment in a core sample of 860 schools had increased by 0.5 per cent between 1984-85 and 1985-86, while boarding student enrollment had decreased by 0.9 per cent in the same period. Table 5 shows that a core sample of 865 schools reported a slight increase in the number of day students enrolled in 1986-87. Boarding enrollment, however, has declined again, by 1.1 per cent.

Table 6 is based on enrollment data reported by all active members and subscribers to new school services in September 1985 and September 1986. As noted in the summary section, enrollments in elementary grades continue to increase in proportion to the number of schools reporting. The large increases in both number of schools and enrollment in preschool programs may be particularly significant, as more schools establish these programs. The data as collected do not permit analysis of enrollments in part-time as opposed to full-time programs.

Tables 7 and 8 present more detailed information for all active members and subscribers to new school services from 1982-83 through 1986-87. It can be seen that there has been no basic change in the composition of the total membership in the past five years. Day schools, for example, continue to make up about 70 per cent of the membership. Coed schools have consistently represented about 75 per cent of the total membership, while girls' schools comprise around 13 per cent and boy's schools 11 per cent.

Table 9 is a detailed stratification of member schools by student type, school type, and grade level category for 1986-87.

Table 7. Number of Member Schools, 1982-83 - 1986-87
(Active members and new school services)

	1982-83	1983-84	1984-85	1985-86	1986-87
By school type					
Day schools	591	602	595	613	623
Day-boarding schools	81	76	77	71	76
Boarding-day schools	131	133	131	133	126
Boarding schools	39	41	42	42	45
By grade level category					
Elementary schools	203	210	208	212	215
Secondary schools	269	276	279	280	279
Elementary-secondary schools	370	366	358	367	376
By student type					
Girls' schools	112	109	108	110	109
Boys' schools	96	95	99	98	96
Coed schools	634	648	638	651	665
Total number of schools	842	852	845	859	870

Table 8. Enrollments in Member Schools, 1982-83 - 1986-87
(Active members and new school services)

	1982-83	1983-84	1984-85	1985-86	1986-87
By school type					
Day schools	256,004	260,406	259,938	266,367	269,737
Day-boarding schools	37,665	37,374	37,571	31,858	35,344
Boarding-day schools	34,543	35,007	34,555	35,209	33,638
Boarding schools	8,135	9,188	9,046	8,969	9,268
By grade level category					
Elementary schools	50,598	51,905	51,304	52,244	53,355
Secondary schools	81,089	83,739	85,187	85,049	83,252
Elementary-secondary schools	204,660	206,331	204,619	205,110	211,380
By student type					
Girls' schools	41,335	40,853	40,563	40,965	40,144
Boys' schools	36,802	36,748	36,835	35,909	35,228
Coed schools	258,210	264,374	263,712	265,529	272,615
By day/boarding students					
Day students	293,069	297,517	296,328	298,353	304,764
Boarding students	43,278	44,458	44,782	44,050	43,223
Total enrollments	336,347	341,975	341,110	342,403	347,987

Table 9. Number of Schools and Enrollment by School Type, 1986-87
(Active members and new school services)

	Number of schools	Enrollment
Girls' schools		
Day schools		
Elementary	3	868
Secondary	15	5,346
Elementary-secondary	52	23,767
Day-boarding		
Secondary	5	1,220
Elementary-secondary	10	4,863
Boarding-day		
Secondary	18	3,275
Boarding		
Secondary	6	805
Totals	109	40,144
Boys' schools		
Day schools		
Elementary	11	2,915
Secondary	16	8,255
Elementary-secondary	20	11,745
Day-boarding		
Elementary	1	325
Secondary	3	1,469
Elementary-secondary	3	1,028
Boarding-day		
Elementary	5	543
Secondary	11	3,783
Boarding		
Elementary	5	314
Secondary	16	3,406
Elementary-secondary	5	1,445
Totals	96	35,228
Coed schools		
Day schools		
Elementary	183	47,231
Secondary	71	20,168
Elementary-secondary	252	149,442
Day-boarding		
Elementary	5	917
Secondary	25	9,409
Elementary-secondary	24	16,113
Boarding-day		
Elementary	2	242
Secondary	80	22,818
Elementary-secondary	10	2,977
Boarding		
Secondary	13	3,298
Totals	665	272,615

3. Member School Personnel

Schools were asked to report the number of persons in various personnel categories for the 1986-87 school year, including both full-time and part-time staff. Table 10 summarizes the data as reported by 839 active member schools. In past years NAIS has collected similar data on the number of teachers, administrators, and instructional support staff, but this year for the first time has also collected data on teacher aides, interns, dormitory supervisors, and other employees. "Other employees" is meant to reflect numbers of personnel in support categories such as secretarial, clerical, maintenance, or food preparation positions. It may also include instructors and coaches of special activities or other professional staff.

Table 10. Personnel Count, 1986-87
(Active members)

Category	Male	Female	Total
Teachers	13,802	22,666	36,468
Administrators	3,237	2,932	6,169
Teacher aides, interns, dormitory supervisors	429	1,727	2,156
Instructional support	721	2,916	3,637
Other employees	7,418	10,537	17,955
Total	25,607	40,778	66,385

Data on student-teacher ratios for 1986-87 are presented in Table 11 as reported by active member schools. The data are based on full-time teaching equivalencies and total enrollment as reported by each school.

Table 11. Median Student-Teacher Ratios, 1986-87
(Active members)

	Number of schools	Student-teacher ratio
By grade type		
Elementary schools	188	9.5/1
Secondary schools	252	8.7/1
Elementary-secondary schools	335	9.8/1
By school type		
Day schools	547	9.8/1
Day-boarding schools	68	9.7/1
Boarding-day schools	125	7.8/1
Boarding schools	35	7.5/1
By student type		
Girls' schools	103	8.6/1
Boys' schools	83	9.4/1
Coed schools	589	9.5/1
Total for all schools	775	9.4/1

4. Minority Students and Staff

Of the 851 active member schools in the U.S. and its territories, data from 815 continental and 13 Hawaiian and territorial schools are presented in this section. A total of 822 of these schools reported minorities among students and 632 among staff.

Schools located in the continental U.S. and in Puerto Rico were asked to report the number of minority students and teachers in each of four minority categories as defined by the federal government: African American, Hispanic American, Asian American, and Native American (American Indian). Hawaiian and active member schools in Guam and the Virgin Islands were asked to report figures in each of these four categories and in a fifth category, Pacific Islander.

Table 12. Minority Student Enrollment as Per Cent of Total Enrollment, 1982-83 -1986-87
(Active members, continental U.S.)

	1982-83	1983-84	1984-85	1985-86	1986-87
By school type					
Girls' day	10.7%	11.1%	12.9%	13.6%	14.7%
Girls' boarding	7.9	7.1	8.4	8.2	7.9
Boys' day	8.5	8.7	9.5	10.6	11.5
Boys' boarding	8.6	9.2	8.8	7.8	8.2
Coed day	9.5	10.2	10.4	10.9	11.4
Coed day elementary	7.9	7.9	8.2	9.0	9.7
Coed boarding	7.5	7.8	8.5	10.5	9.4
By region					
New England	6.1	6.2	6.7	7.8	7.1
East	12.5	13.0	13.4	13.9	15.0
Middle Atlantic	9.5	9.9	9.9	10.6	11.2
Southeast	4.9	5.2	6.1	6.1	6.2
Midwest	11.7	13.0	13.4	14.1	14.6
Southwest	8.2	7.6	8.2	10.7	11.1
West	13.2	13.9	15.0	15.5	17.0
By racial/ethnic group					
African American	4.2	4.2	4.4	4.5	4.7
Hispanic American	1.6	1.6	1.7	1.7	1.8
Asian American	3.2	3.6	3.9	4.4	4.7
Native American	0.1	0.1	0.1	0.1	0.1
Total minority enrollment	9.1%	9.6%	10.1%	10.7%	11.2%

Tables 12 and 13 present trend data on minority student enrollment for the period 1982-83 through 1986-87 for active member schools in the continental U.S. (Columns may not sum due to rounding.) The number of minority students as a proportion of total enrollment in reporting schools has increased from 9.1 per cent in 1982-83 to 11.2 per cent this year. Table 13 indicates that in the same five-year period, the number of Asian American students has increased from 35.4 per cent of all minority students in active member schools to 41.8 per cent this year. In Tables 12, 14, and 17, day schools include day-boarding schools, and boarding schools include boarding-day schools.

Table 13. Minority Student Enrollment by Racial/Ethnic Group as Per Cent of Total Minority Enrollment, 1982-83 - 1986-87
(Active members, continental U.S.)

	1982-83	1983-84	1984-85	1985-86	1986-87
African Americans	45.9%	44.1%	43.2%	42.2%	41.5%
Hispanic Americans	17.4	17.1	17.1	16.1	15.7
Asian Americans	35.4	37.5	38.7	40.6	41.8
Native Americans	1.3	1.4	1.0	1.1	1.0

Table 14. Minority Student Enrollment by Racial/Ethnic Group, 1986-87
(Active members, continental U.S.)

	African American	Hispanic American	Asian American	Native American	Total minority	Total enrollment
By school type						
80 Girls' day	2,082	852	1,968	40	4,942	33,666
23 Girls' boarding	161	64	75	5	305	3,880
53 Boys' day	979	430	1,399	9	2,817	24,511
37 Boys' boarding	348	166	126	16	656	8,048
345 Coed day	8,644	3,051	8,700	195	20,590	180,470
174 Coed day elem.	1,778	727	1,860	21	4,386	45,409
103 Coed boarding	1,104	419	1,065	61	2,649	28,041
By school region						
173 New England	1,812	536	1,357	38	3,743	53,046
133 East	3,273	1,349	2,930	37	7,589	50,564
158 Middle Atlantic	3,553	725	2,587	35	6,900	61,545
110 Southeast	1,363	703	1,465	28	3,559	57,805
95 Midwest	2,702	473	2,658	63	5,896	40,454
60 Southwest	1,161	946	914	82	3,103	27,877
86 West	1,232	977	3,282	64	5,555	32,734
815 Totals	15,096	5,709	15,193	347	36,345	324,025

Table 15. Minority Students in Hawaiian and Territorial Schools, 1986-87
(Active members)

Region	African American	Hispanic American	Asian American	Native American	Pacific Islander	Caucasian and others
9 Hawaii	48	81	3,619	18	863	3,652
4 Territorial	130	833	328	84	97	364
13 Totals	178	914	3,947	102	960	4,016

Tables 16 and 17 present data on minority teachers in active member schools on the continent. The percentage of minority teachers has risen from 3.0 per cent in 1982-83 to 3.5 per cent in 1986-87.

Table 16. Minority Teachers by Racial/Ethnic Group, 1982-83 - 1986-87
(Active members, continental U.S.)

Racial group	1982-83	1983-84	1984-85	1985-86	1986-87
African American	454	503	552	534	564
Hispanic American	365	356	355	381	427
Asian American	167	158	199	202	222
Native American	25	26	23	22	24
Total minority teachers	1,011	1,043	1,129	1,139	1,237
Total teachers	33,981	35,738	35,469	34,017	35,062
Per cent minority teachers	3.0%	2.9%	3.2%	3.3%	3.5%

Table 17. Minority Teachers by School Type, 1986-87
(Active members, continental U.S.)

By school type	African American	Hispanic American	Asian American	Native American	Total Minority	Total Teachers
80 Girls' day	74	40	32	1	147	3,955
23 Girls' boarding	8	8	3	1	20	614
53 Boys' day	35	20	15	3	73	2,431
37 Boys' boarding	8	18	6	0	32	984
345 Coed day	325	251	110	12	698	18,425
174 Coed day elem.	60	51	29	5	145	4,797
103 Coed boarding	54	39	27	2	122	3,856
815 Totals	564	427	222	24	1,237	35,062

This year for the first time NAIS asked schools to provide a count of minority persons other than students and teachers, although schools were not asked to provide these data by racial/ethnic group. Table 18 presents data for minority administrators; teacher aides, interns, dormitory supervisors; instructional support personnel; and other employees, as well as for teachers. It includes data

reported by the 815 schools included in Tables 12-14 and 16 and 17 and by 13 Hawaiian and territorial schools.

Table 18 separates mainland schools from schools in Hawaii and U.S. territories. The first column lists personnel categories. The second column shows how many schools reported minority persons in each category. The third column, "Total minority personnel," presents the total number of minority persons reported in each category. The fourth column, "Total personnel," shows the total number of all persons reported in each category by all the schools whose data are included in the table (815 mainland and 13 Hawaiian and territorial schools). The last column presents the number of minority persons in column three as a per cent of the total personnel given for each category in column four.

A total of 3,805 minority staff persons, including teachers, were reported in 619 mainland schools.

The number of minority personnel other than teachers reported in Table 18 may be somewhat understated. Zero minority staff members were assumed where schools left this portion of the survey blank, and 70 of 100 schools who were asked to confirm zero did so. Thirty schools, however, reported minority non-teaching staff when asked in the survey follow-up. It is estimated that minority staff persons in another 30 to 50 schools have been undercounted.

The table clearly shows that minorities are underrepresented among NAIS school staffs in general, perhaps especially among teachers and administrators. Note that by far the largest proportion of minority employees are in the "Other employees" category.

Table 18. Total Minority Personnel, 1986-87
(Active members)

Personnel category	No. of schools reporting minority personnel	Total minority personnel	Total personnel	Minority personnel as per cent of total personnel
Continental U.S.				
Teachers	489	1,237	35,062	3.5%
Administrators	95	113	5,961	1.9
Teacher aides, interns, dormitory supervisors	69	115	2,077	5.5
Instructional support	64	87	3,509	2.5
Other employees	395	2,253	16,881	13.3
Totals	619	3,805	63,490	6.0%
Hawaii and U.S. territories				
Teachers	13	255	740	34.5%
Administrators	8	25	80	31.3
Teacher aides, interns, dormitory supervisors	6	24	36	66.7
Instructional support	8	33	63	52.4
Other employees	12	363	418	86.8
Totals	13	700	1,337	52.4%

5. Financial Aid

NAIS asks schools to report financial aid data in two separate ways: financial aid as an operating expense, and total aid granted, excluding loans. In about 70 per cent of member schools, figures reported in both sections of the survey are identical. In the remaining schools aid from certain sources is not accounted for as an expense. In previous years NAIS has not recognized the distinction and reported aid has included only aid accounted as an operations expense.

As indicated in Table 19, total aid granted in 764 reporting schools rose to $164 million for 1985-86. Of this amount, about $160 million was accounted as financial aid expense. These figures include tuition remission but exclude (continues p. 16)

Table 19. Financial Aid by School Type, 1985-86
(Active members)

School type	No. of students aided	Total aid granted (in thousands)	Average per cent of enrollment	Per cent of total operating expenses
Girls' schools				
-- Elementary day		Insufficient data		
48 Elementary-secondary day	2,762	$ 8,193	14.2%	6.5%
13 Secondary day	562	963	16.0	6.0
13 Day-boarding	846	2,634	19.2	6.3
16 Boarding-day	527	2,819	17.2	6.3
5 Boarding	160	598	22.3	7.4
Boys' schools				
9 Elementary day	251	948	10.8	5.7
20 Elementary-secondary day	1,698	5,462	14.6	6.9
14 Secondary day	1,218	2,486	17.3	7.0
7 Day-boarding	443	1,567	16.1	5.0
12 Boarding-day	729	3,712	18.4	6.5
16 Boarding	825	2,602	25.0	6.0
Coed schools				
162 Elementary day	4,846	12,240	12.5	6.0%
226 Elementary-secondary day	20,250	58,214	17.0	8.0
52 Secondary day	2,829	7,659	21.9	8.5
51 Day-boarding	4,893	16,864	22.7	9.1
87 Boarding-day	6,059	31,584	24.0	8.4
11 Boarding	1,201	5,295	37.7	10.2
764 Totals	50,166	$164,001	17.8%	7.5%

loans. Table 19 also shows that aid was awarded to over 50,000 students. Current figures are compared to data reported in previous years in Table 2 in the summary section.

Table 19 presents 1985-86 data by type of school. Figures in the column labeled "Per cent of total operating expenses" are based on aid reported as a financial operations expense and exclude aid not accounted as an expense.

Table 20 shows the percentage of financial aid derived from tuition, endowment funds, gifts, and other sources, as reported by 749 schools. Tuition continues to be the primary source of aid, accounting for over 62 per cent of all aid granted. Data from the schools also show that tuition was the sole source of financial aid funding in 125 schools. Endowments furnished the sole source of financial aid in 18 schools, and gifts or grants provided all financial aid in 21 schools.

Table 20. Sources of Financial Aid Income, 1985-86
(Active members)

School type	Per cent from tuition	Per cent from endowment	Per cent from gifts	Per cent from other sources
Girls' schools				
-- Elementary day		Insufficient data		
47 Elementary-secondary day	65.9%	13.2%	11.6%	9.3%
12 Secondary day	39.6	19.2	38.4	2.9
12 Day-boarding	69.8	17.1	8.3	4.8
16 Boarding-day	44.8	31.9	14.1	9.1
5 Boarding	56.0	7.0	22.4	14.6
Boys' schools				
9 Elementary day	61.3	9.9	28.0	0.7
20 Elementary-secondary day	55.9	25.0	12.5	6.6
14 Secondary day	41.9	29.6	19.3	9.2
5 Day-boarding	64.6	20.6	14.8	0.0
12 Boarding-day	44.9	37.0	9.0	9.2
18 Boarding	38.0	29.2	17.0	15.9
Coed schools				
157 Elementary day	64.5	10.2	18.0	7.3
220 Elementary-secondary day	69.8	11.7	11.3	7.1
54 Secondary day	59.5	9.0	26.6	4.8
51 Day-boarding	62.8	18.4	11.2	7.6
85 Boarding-day	57.8	23.4	13.1	5.7
10 Boarding	63.6	14.5	21.9	0.0
749 Totals	62.3%	15.3%	15.3%	7.1%

Tables 21 and 22 provide more detail on students who received aid in the same 764 schools reporting in Table 19. From Table 21 it can be computed that faculty and staff children made up 20.7 per cent of the total number of students receiving aid and received 23.5 per cent of total aid granted. Exactly 700 schools, or over 91 per cent, provided aid to faculty and staff children in 1985-86.

Table 22 shows that minority children accounted for 21.4 per cent of students aided and received 27.0 per cent of total aid granted. Data in Table 22 include 12 Hawaiian and territorial schools. Excluding these schools does not significantly change the totals. Hawaiian and territorial schools provided aid to 675 minority children and 613 nonminority children. Aid to minority children was $1,213,577, while aid to nonminority children was $1,156,052.

Table 21. Aid to Faculty and Staff Children, 1985-86
(Active members)

School type	Faculty and staff children			Other children		
	No. of schools	No. of students aided	Amount granted	No. of schools	No. of students aided	Amount granted
Day						
Elementary	156	1,329	$ 4,126,291	173	3,942	$ 9,349,391
Secondary	63	456	1,857,944	76	4,062	9,047,510
Elem.-sec.	285	6,436	22,242,074	295	18,495	50,257,791
Totals	504	8,221	$28,226,309	544	26,499	$68,654,692
Day-boarding						
Elementary	6	48	$ 165,919	6	178	$ 614,016
Secondary	31	269	1,489,368	32	2,218	7,369,264
Elem.-sec.	28	784	2,738,294	28	2,157	7,662,270
Totals	65	1,101	$ 4,393,581	66	4,553	$15,645,550
Boarding-day						
Elementary	5	13	$ 72,555	5	51	$ 197,720
Secondary	96	790	4,627,839	108	6,634	33,193,531
Elem.-sec.	7	92	414,991	7	322	1,296,442
Totals	108	895	$ 5,115,385	120	7,007	$34,687,693
Boarding						
Elementary			Insufficient data			
Secondary	21	184	$821,255	26	1,394	$5,892,542
Elem.-sec.			Insufficient data			
Totals	23	191	$837,355	30	1,699	$6,440,494
Totals	700	10,408	$38,572,630	760	39,758	$125,428,429

Table 22. Aid to Minority Children, 1985-86
(Active members)

School type	Minority children			Non-minority children		
	No. of schools	No. of students aided	Amount granted	No. of schools	No. of students aided	Amount granted
Day						
Elementary	145	1,178	$ 3,704,252	174	4,093	$ 9,771,430
Secondary	69	849	2,866,264	76	3,669	8,039,190
Elem.-sec.	281	5,970	20,552,112	294	18,961	51,947,753
Totals	495	7,997	$27,122,628	544	26,723	$69,758,373
Day-boarding						
Elementary		Insufficient data		6	198	$ 657,373
Secondary	31	568	$2,470,307	32	1,919	6,388,325
Elem.-sec.	27	445	2,170,230	28	2,496	8,230,334
Totals	61	1,041	$4,763,099	66	4,613	$15,276,032
Boarding-day						
Elementary		Insufficient data		5	52	$ 208,555
Secondary	100	1,300	$10,110,155	108	6,124	27,711,215
Elem.-sec.	7	64	363,330	7	350	1,348,103
Totals	110	1,376	$10,535,205	120	6,526	$29,267,873
Boarding						
Elementary			Insufficient data			
Secondary	24	285	$1,768,020	26	1,293	$4,945,777
Elem.-sec.			Insufficient data			
Totals	28	346	$1,909,866	30	1,544	$5,367,983
Totals	694	10,760	$44,330,798	760	39,406	$119,670,261

6. Financial Operations

Financial operations data for 1985-86 were reported by 800 active member schools. Table 3 in the summary section presents trend data for key revenue and expense line items, and Tables 23-25 below give more detailed information by type of school for the 1985-86 school year.

As noted in the summary, the average per student operating expenditure for all schools in 1985-86 was $7,276, including both day and boarding schools. Tables 23-25 indicate that three categories of girls' schools show a negative net position. Overall, almost 30 per cent of the schools surveyed reported operations expenses greater than revenues. In 1984-85, only one category of schools (girls' secondary day) showed an average negative net position, and about 25 per cent of all schools reported expenses exceeding income.

The following explanatory notes define in detail the line items and categories of expense and income listed in Tables 23-25. Columns presenting percentages in the tables may not sum due to rounding. Computational procedures are outlined in the technical notes section.

1. School type. See the Glossary of Terms at the front of this report.
2. Number of schools reporting in each category by student and school type.
3. Enrollment. Average total enrollment of the reporting schools.

Expense per Student

4. Teaching salaries. Total cash salaries of teachers, coaches, and teacher aides.
5. Instructional support salaries. Total cash salaries of instructional support personnel -- librarians, counselors, remedial specialists, chaplains, audiovisual staff, et al.
6. Administrator salaries. Total cash salaries paid to all administrators.
7. Other salaries. Total cash salaries paid to personnel in the following categories: auxiliary (personnel providing food, health, laundry, transportation, or other auxiliary services, and dormitory supervisors), plant/maintenance (plant and grounds maintenance personnel), and secretarial and clerical.
8. Benefits and payroll taxes. The portion of all employee benefits and payroll taxes paid by the school.
9. Student activities. Expenses for student-related activities that are not considered part of the instructional program, such as school newspaper, yearbook, school magazine, theater or student productions, and trips and excursions.
10. Financial aid. Total student aid granted, excluding loans. Includes aid awarded from both restricted and unrestricted funds and tuition remission for faculty children.

11. Other expenses. Expenses in the following categories: instructional; athletic; auxiliary; other services (summer school programs, including salaries, benefits and payroll taxes for summer school, camps, conferences and workshops, etc.); plant; provision for plant replacement, renewal, and special maintenance; administrative expenses other than salaries; and expenses not attributable to any specific administrative department (liability insurance, interest, miscellaneous taxes, professional fees, rent, governing board, etc.)

Income per Student

13. Tuition and fees. Total tuition and fees revenue including room and board revenue from boarding students. Also includes revenue foregone through tuition remission. Fees revenue include application fees, registration fees, instructional fees, and fines and assessments. Summer school tuitions are reported as "Other programs" income, below.

14. Auxiliary services. Gross income from services provided to students, including lunch charges, health services, student store, snack bar, student busing, and laundry.

15. Other programs. Gross income from summer school, summer camps, conferences and workshops, and public services.

16. Investment income. Dividends and interest earned on short- and long-term investments and applied to school operations.

17. Gifts and grants. Income from unrestricted and restricted gifts used for operations and programs.

18. Public aid. Income from local, state, and federal governments.

19. Affiliated enterprise net income. Net income from school-operated enterprises that are noninstructional and operate with separate facilities, such as inns, thrift shops, and working farms.

20. Other. All revenue amounts not classified above, such as incidental rental income and proceeds from the sale of equipment.

Table 23. Girls' School Operations, 1985-86

	Elementary day		Elementary-secondary day		Secondary day		Day-boarding		Boarding-day		Boarding	
1. School type												
2. No. of schools reporting	Insufficient		51		14		14		16		5	
3. Enrollment	data		466		347		423		190		135	
EXPENSE PER STUDENT												
	$	%	$	%	$	%	$	%	$	%	$	%
4. Teaching salaries	---	---	2,263	36.4	1,793	36.4	2,142	25.1	2,454	17.9	2,224	19.0
5. Instructional support salaries	---	---	162	2.6	149	3.0	147	1.7	229	1.7	297	2.5
6. Administrator salaries	---	---	581	9.4	548	11.1	750	8.8	1,155	8.4	1,063	9.1
7. Other salaries	---	---	573	9.2	373	7.6	1,025	12.0	1,828	13.3	1,777	15.2
8. Benefits and payroll taxes	---	---	570	9.2	532	10.8	662	7.8	983	7.2	949	8.1
9. Student activities	---	---	53	0.9	130	2.6	366	4.3	150	1.1	138	1.2
10. Financial aid	---	---	409	6.6	301	6.1	558	6.5	866	6.3	868	7.4
11. Other expenses	---	---	1,600	25.8	1,093	22.2	2,879	33.8	6,037	44.1	4,366	37.4
12. Total expenses	---	---	6,209	100.0	4,920	100.0	8,529	100.0	13,701	100.0	11,681	100.0
INCOME PER STUDENT												
13. Tuition and fees	---	---	4,926	78.7	3,739	76.5	5,695	68.3	9,088	67.0	9,680	77.3
14. Auxiliary services	---	---	275	4.4	187	3.8	770	9.2	709	5.2	254	2.0
15. Other programs	---	---	91	1.4	64	1.3	112	1.3	524	3.9	59	0.5
16. Investments	---	---	279	4.5	206	4.2	925	11.1	1,375	10.1	751	6.0
17. Gifts/grants	---	---	591	9.4	567	11.6	749	9.0	1,588	11.7	1,603	12.8
18. Public aid	---	---	26	0.4	8	0.2	20	0.2	0	0.0	8	0.1
19. Affiliated enterprises	---	---	6	0.1	9	0.2	0	0.0	53	0.4	16	0.1
20. Other	---	---	65	1.0	110	2.2	69	0.8	234	1.7	158	1.3
21. Total income	---	---	6,256	100.0	4,888	100.0	8,339	100.0	13,570	100.0	12,529	100.0
NET POSITION PER STUDENT												
	---	---	47	0.8	-32	-0.7	-190	-2.2	-131	-1.0	848	7.3

Table 24. Boys' School Operations, 1985-86

	Elementary day		Elementary-secondary day		Secondary day		Day-boarding		Boarding-day		Boarding	
1. School type												
2. No. of schools reporting	10		20		14		7		15		17	
3. Enrollment	276		592		476		408		283		236	
EXPENSE PER STUDENT												
	$	%	$	%	$	%	$	%	$	%	$	%
4. Teaching salaries	2,505	38.0	2,385	35.8	2,035	34.8	2,118	22.8	2,165	16.5	2,229	15.5
5. Instructional support salaries	133	2.0	151	2.3	148	2.5	217	2.3	175	1.3	239	1.7
6. Administrator salaries	496	7.5	577	8.7	429	7.3	610	6.6	940	7.2	1,023	7.1
7. Other salaries	608	9.2	625	9.4	506	8.7	1,362	14.7	2,188	16.7	2,112	14.7
8. Benefits and payroll taxes	788	12.0	673	10.1	509	8.7	780	8.4	1,132	8.6	1,012	7.1
9. Student activities	68	1.0	45	0.7	87	1.5	110	1.2	124	0.9	118	0.8
10. Financial aid	367	5.6	459	6.9	412	7.0	465	5.0	847	6.4	844	5.9
11. Other expenses	1,625	24.7	1,752	26.3	1,724	29.5	3,616	39.0	5,571	42.4	6,768	47.2
12. Total expenses	6,591	100.0	6,665	100.0	5,849	100.0	9,278	100.0	13,141	100.0	14,344	100.0
INCOME PER STUDENT												
13. Tuition and fees	5,028	74.4	5,173	75.6	4,410	73.7	6,952	73.0	9,030	66.9	8,382	57.1
14. Auxiliary services	282	4.2	311	4.6	276	4.6	556	5.8	470	3.5	587	4.0
15. Other programs	58	0.9	133	1.9	267	4.5	438	4.6	464	3.4	532	3.6
16. Investments	397	5.9	386	5.6	376	6.3	511	5.4	1,450	10.7	2,274	15.5
17. Gifts/grants	812	12.0	698	10.2	548	9.2	624	6.6	1,685	12.5	2,372	16.1
18. Public aid	19	0.3	23	0.3	1	0.0	3	0.0	19	0.1	78	0.5
19. Affiliated enterprises	95	1.4	5	0.1	10	0.2	124	1.3	0	0.0	250	1.7
20. Other	101	1.5	109	1.6	97	1.6	312	3.3	372	2.8	219	1.5
21. Total income	6,758	100.0	6,840	100.0	5,984	100.0	9,520	100.0	13,490	100.0	14,692	100.0
NET POSITION PER STUDENT												
	167	2.5	175	2.6	135	2.3	242	2.6	349	2.7	348	2.4

Table 25. Coed School Operations, 1985-86

1. School type	Elementary day		Elementary-secondary day		Secondary day		Day-boarding		Boarding-day		Boarding	
2. No. of schools reporting	169		237		56		52		89		12	
3. Enrollment	266		604		313		510		286		277	
EXPENSE PER STUDENT												
	$	%	$	%	$	%	$	%	$	%	$	%
4. Teaching salaries	1,853	39.8	2,024	36.7	2,194	33.9	1,894	23.4	2,305	17.2	2,232	15.6
5. Instructional support salaries	102	2.2	119	2.1	156	2.4	178	2.2	239	1.8	290	2.0
6. Administrator salaries	429	9.2	466	8.5	653	10.1	602	7.4	993	7.4	1,019	7.1
7. Other salaries	321	6.9	437	7.9	497	7.7	906	11.2	1,698	12.7	2,302	16.1
8. Benefits and payroll taxes	428	9.2	517	9.4	593	9.2	649	8.0	1,051	7.9	1,183	8.3
9. Student activities	55	1.2	64	1.2	82	1.3	97	1.2	185	1.4	396	2.8
10. Financial aid	280	6.0	439	8.0	532	8.2	726	9.0	1,111	8.3	1,365	9.5
11. Other expenses	1,190	25.6	1,448	26.3	1,759	27.2	3,036	37.5	5,777	43.2	5,522	38.6
12. Total expenses	4,655	100.0	5,514	100.0	6,467	100.0	8,086	100.0	13,361	100.0	14,309	100.0
INCOME PER STUDENT												
13. Tuition and fees	3,733	78.4	4,447	79.9	5,112	74.8	6,138	75.4	9,869	72.7	9,831	66.5
14. Auxiliary services	151	3.2	273	4.9	247	3.6	459	5.6	565	4.2	414	2.8
15. Other programs	170	3.6	128	2.3	89	1.3	244	3.0	526	3.9	914	6.2
16. Investments	188	3.9	212	3.8	323	4.7	471	5.8	1,032	7.6	2,079	14.1
17. Gifts/grants	404	8.5	366	6.6	929	13.6	663	8.1	1,348	9.9	1,337	9.1
18. Public aid	16	0.3	12	0.2	37	0.5	3	0.0	14	0.1	0	0.0
19. Affiliated enterprises	27	0.6	11	0.2	9	0.1	38	0.5	47	0.3	75	0.5
20. Other	73	1.5	119	2.1	92	1.3	122	1.5	176	1.3	127	0.9
21. Total income	4,761	100.0	5,569	100.0	6,838	100.0	8,135	100.0	13,574	100.0	14,777	100.0
NET POSITION PER STUDENT												
	106	2.3	55	1.0	371	5.7	49	0.6	213	1.6	468	3.3

Technical Notes

Table 1. Summary of Enrollment and Number of Member Schools. Where percentage figures are presented, columns may not sum due to rounding.

Table 2. Summary of Financial Aid. Two methods of averaging are used in the table. "Average per cent of enrollment" and "average per cent of total operating expenses" are both computed in two steps. First, percentages are calculated for each reporting school, and then the percentage figures themselves are averaged. "Average amount granted" is computed using total aid granted by all reporting schools divided by the total number of students aided.

Table 3. Key Financial Operations Data. Data have been calculated using a weighted average procedure from information previously published by NAIS. Average per student figures published in financial operations tables for previous years have been weighted by number of schools reporting in each category of schools. The procedure may result in errors of up to a few percentage points for small groups of schools such as boarding schools.

Table 5. Day and Boarding Enrollment by Region. The core sample of schools includes active members and new school services subscribers and is defined on the basis of schools reporting 1986-87 data.

Table 12. Minority Student Enrollment as Per Cent of Total Enrollment. Percentage figures for each category of schools are computed by summing total minority enrollment in the schools and dividing by total enrollment of all schools in the category. The 815 schools whose data are presented in the minority tables met three reporting criteria: (1) Reported total 1986-87 enrollment; (2) responded to minority representation section of the survey; and (3) reported total number of teachers.

Table 13. Minority Student Enrollment by Racial/Ethnic Group. Percentages are obtained by taking the total number of minority students in each group and dividing by the total minority student enrollment reported for each year.

Tables 16 and 17. Minority Teachers. Only teachers from schools reporting minority data (or explicitly indicating no minority students or teachers) are counted in the "total teachers" line and column.

Table 18. Total Minority Personnel. Data are from 815 schools included in Tables 12-17 and from 13 Hawaiian and territorial schools. Data in the "total personnel" column do not match those presented in Table 10 because some schools whose data are included in Table 10 have been excluded from Table 18. See note on inclusion criteria to Table 12.

Table 19. Financial Aid by School Type. (1) Includes only schools who reported both financial aid and financial operations data. (2) Figures in the "average per cent of enrollment" and "per cent of total operating expenses" columns are computed in two steps. First, percentages are calculated for each reporting school, and

then the percentage figures themselves are averaged. (3) To protect confidentiality, data are not provided for groups of schools with fewer than five schools reporting. (4) Data from 15 schools for special needs children were excluded.

Table 20. Sources of Financial Aid Income. (1) Per cent figures are computed in two steps. First, percentages are calculated for each reporting school, and then the percentage figures themselves are averaged. (2) Data from 15 schools for special needs children were excluded.

Tables 21 and 22. Aid to Faculty and Staff Children, Aid to Minority Children. Includes only schools who reported both financial aid and financial operations data. To protect confidentiality, data are not provided for groups of schools with fewer than five schools reporting. Data from these schools are included in column totals.

Tables 23-25. Financial Operations. (1) Average dollar per student figures are computed in two steps. First, per student figures are calculated for each reporting school, and then the per student figures themselves are averaged for each category of school. Figures in the percentage columns are calculated using the average dollar per student figures for each line item as a per cent of total average per student revenues or expenses. (2) To protect confidentiality, data for girls' elementary day schools are not presented, since fewer than five schools reported in this group. Data from 15 schools for special needs students are excluded from these tables.